

FIG. 1 (PRIOR ART)

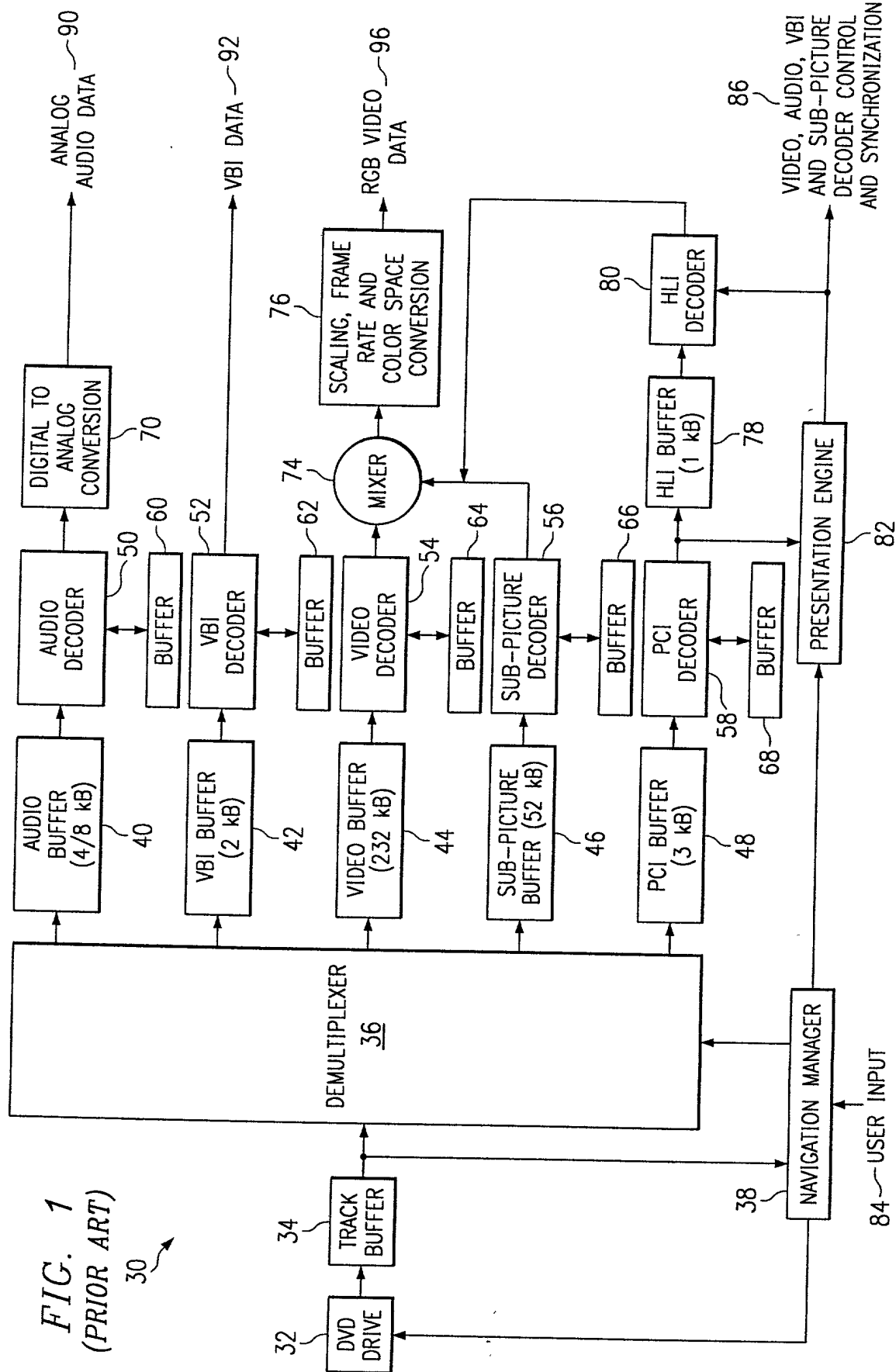


FIG. 2

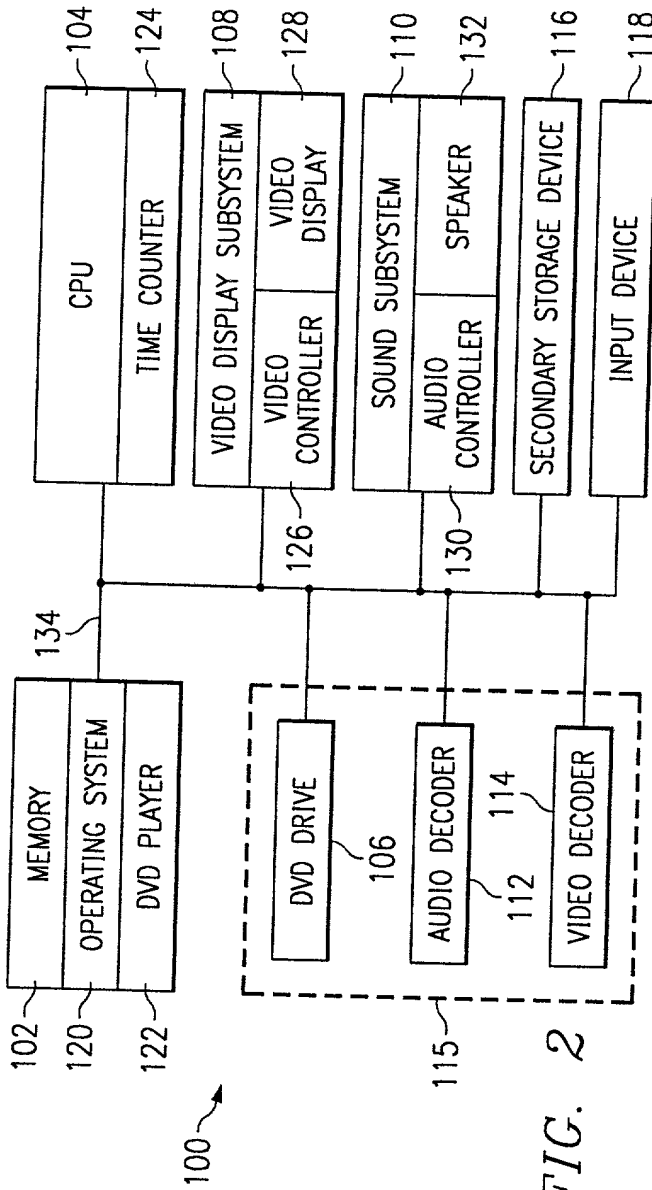


FIG. 2

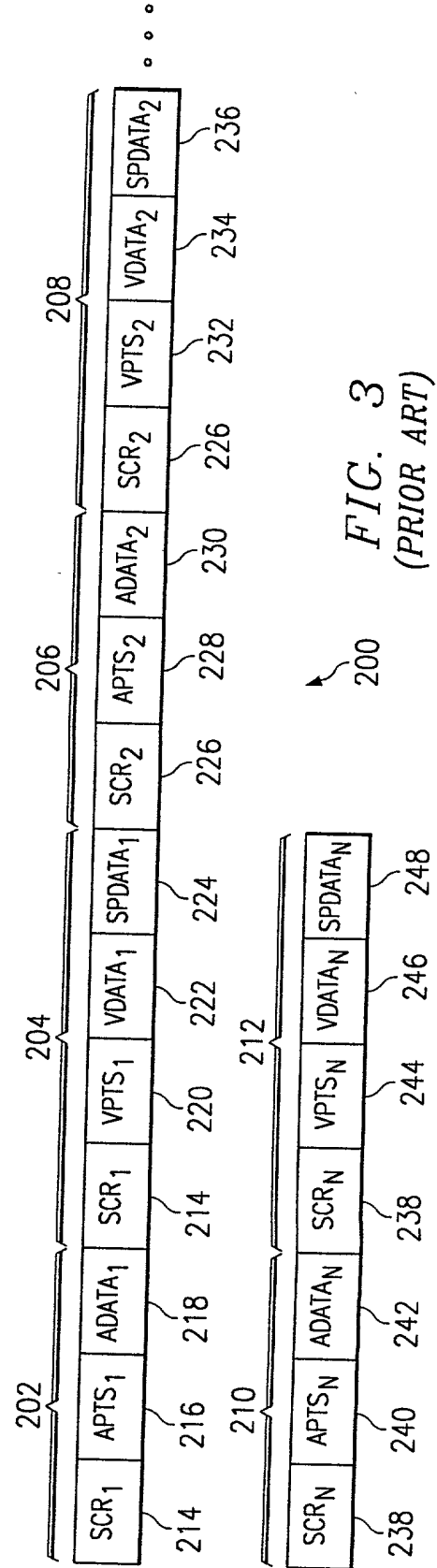


FIG. 3
(PRIOR ART)

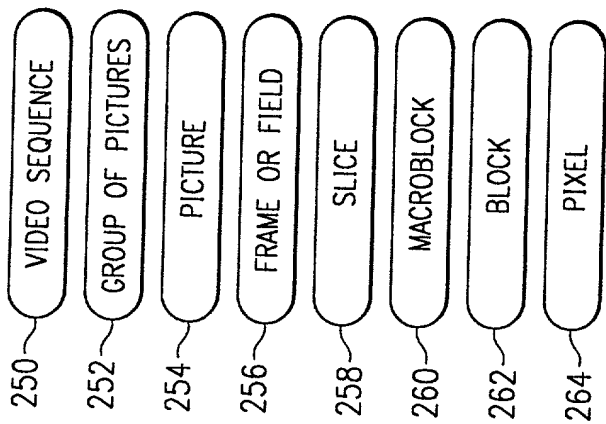


FIG. 4
(PRIOR ART)

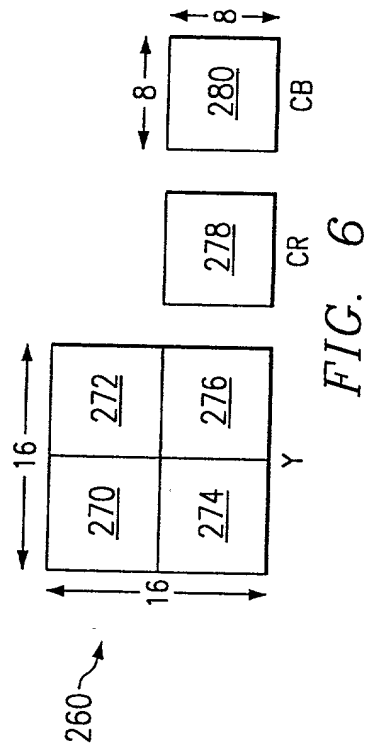
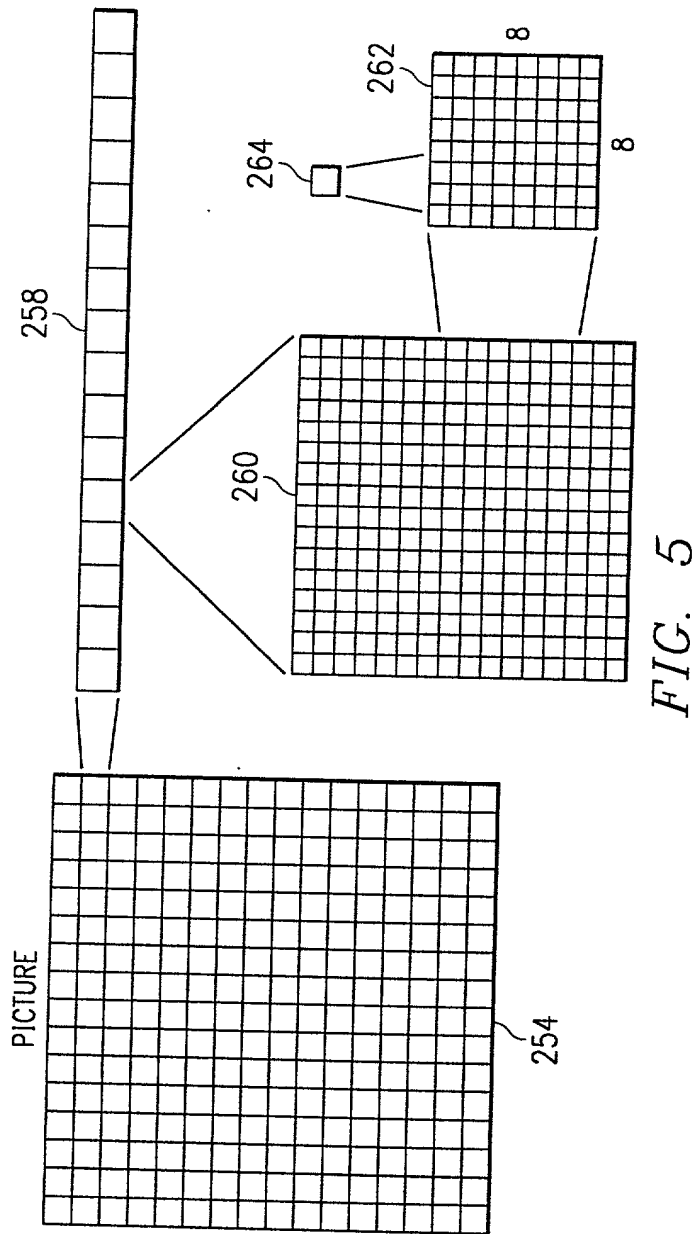


FIG. 7A

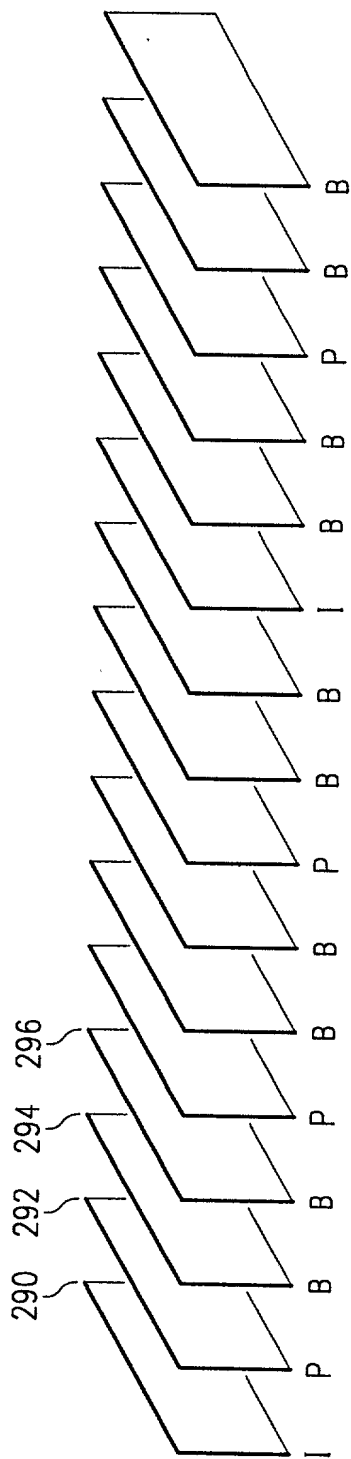


FIG. 7A
(PRIOR ART)

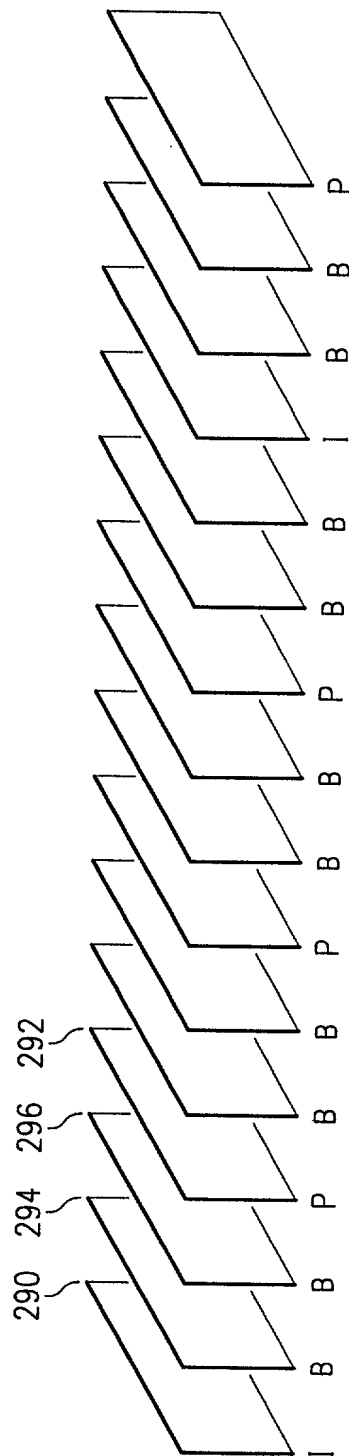


FIG. 7B
(PRIOR ART)

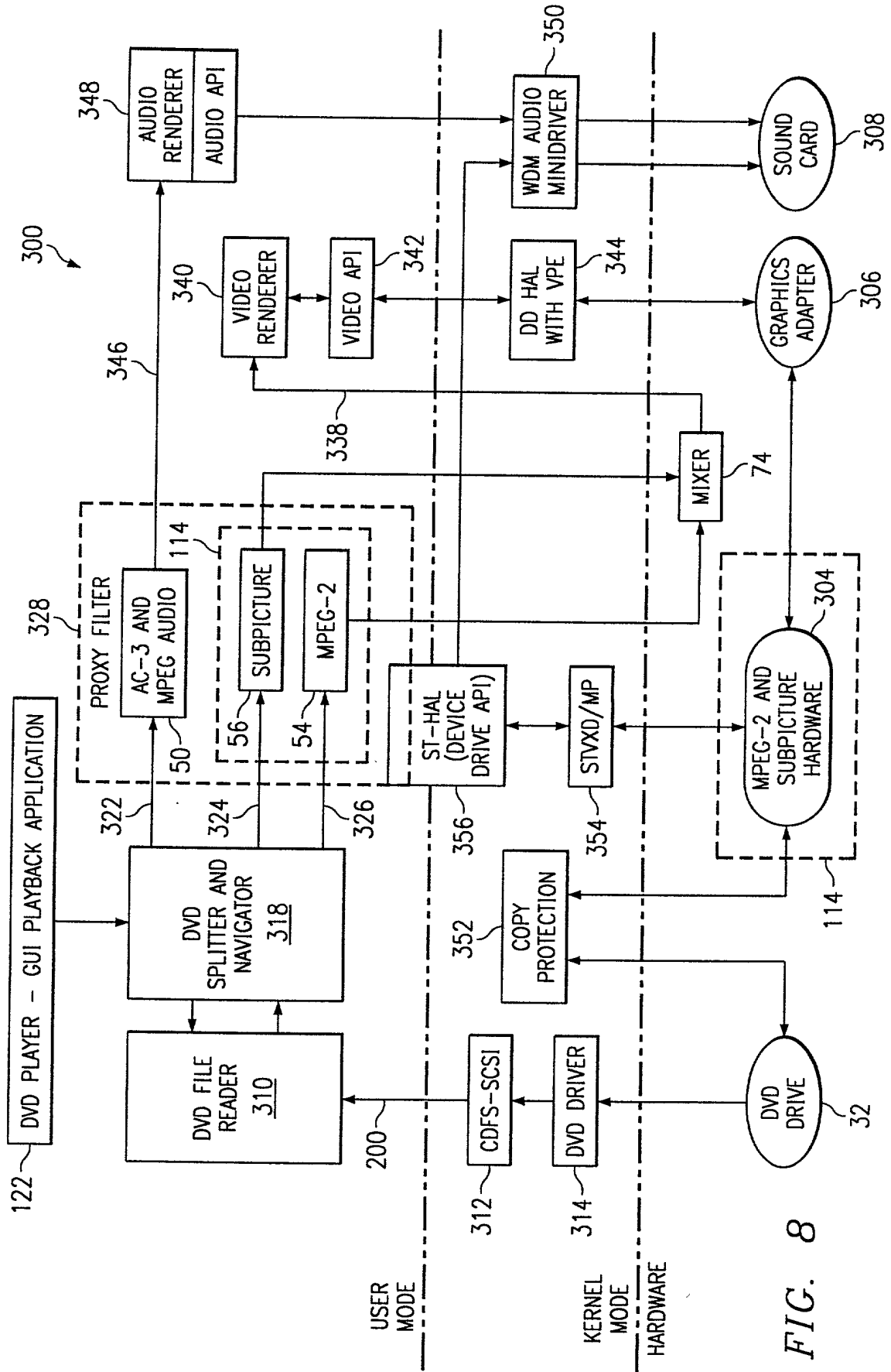
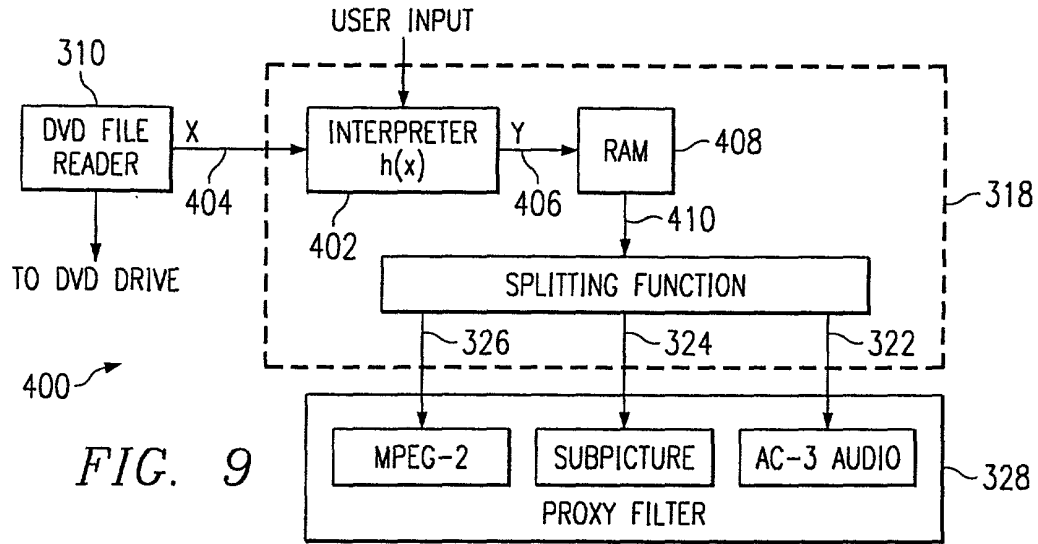


FIG. 8



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LOAD INSTRUCTIONS FOR 1st Y PREDICTION BLOCK IN MACROBLOCK
MERGE INSTRUCTIONS FOR 2nd Y PREDICTION BLOCK IN MACROBLOCK
⋮
MERGE INSTRUCTIONS FOR LAST Y PREDICTION BLOCK IN MACROBLOCK
WRITE INSTRUCTIONS FOR PREDICTED Y MACROBLOCK
LOAD INSTRUCTIONS FOR 1st CR PREDICTION BLOCK IN MACROBLOCK
MERGE INSTRUCTIONS FOR 2nd CR PREDICTION BLOCK IN MACROBLOCK
⋮
MERGE INSTRUCTIONS FOR LAST CR PREDICTION BLOCK IN MACROBLOCK
WRITE INSTRUCTIONS FOR PREDICTED CR MACROBLOCK
LOAD INSTRUCTIONS FOR 1st CB PREDICTION BLOCK IN MACROBLOCK
MERGE INSTRUCTIONS FOR 2nd CB PREDICTION BLOCK IN MACROBLOCK
⋮
MERGE INSTRUCTIONS FOR LAST CB PREDICTION BLOCK IN MACROBLOCK
WRITE INSTRUCTIONS FOR PREDICTED CB MACROBLOCK
⋮

FIG. 12

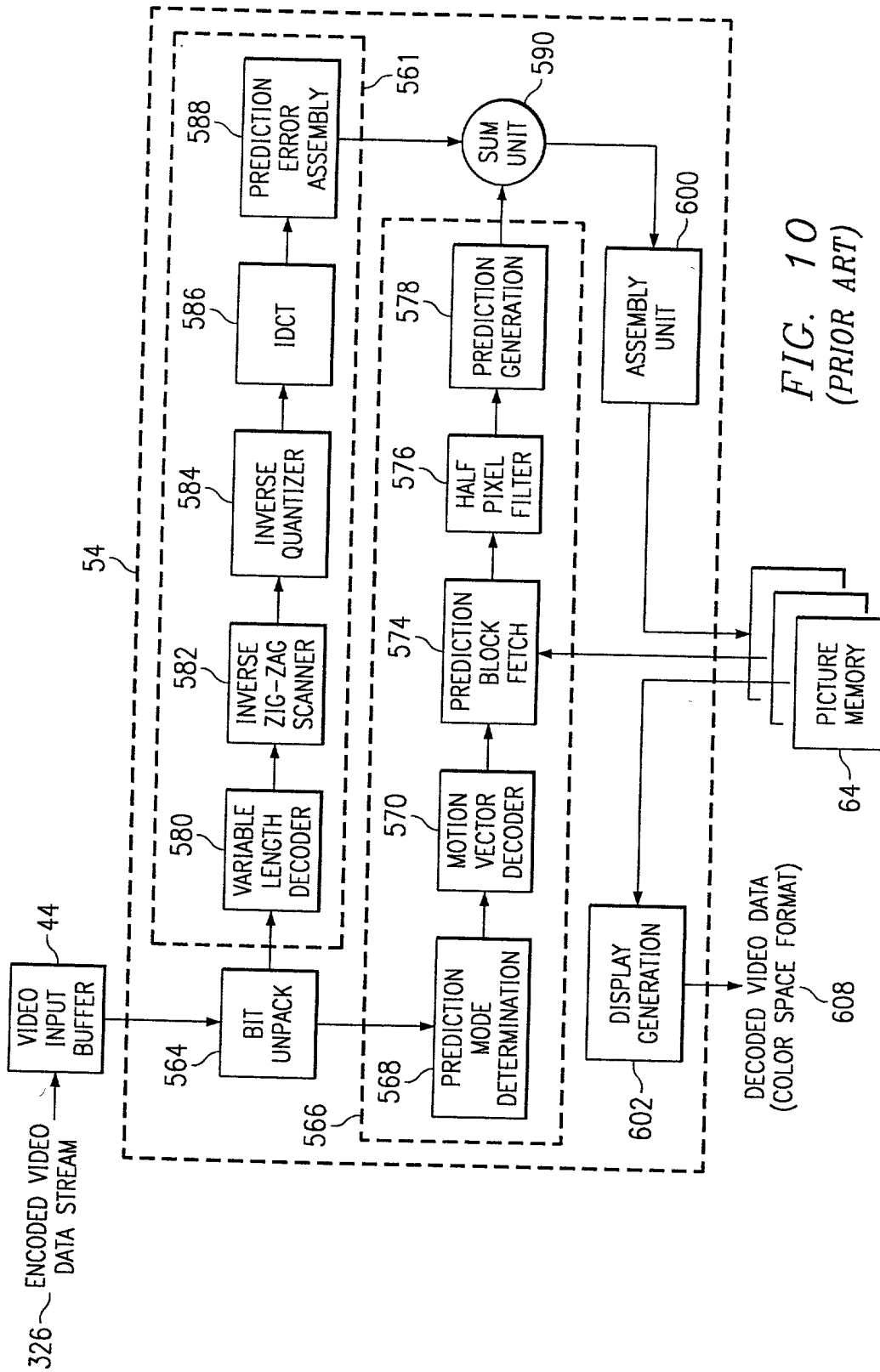


FIG. 10
(PRIOR ART)

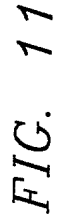


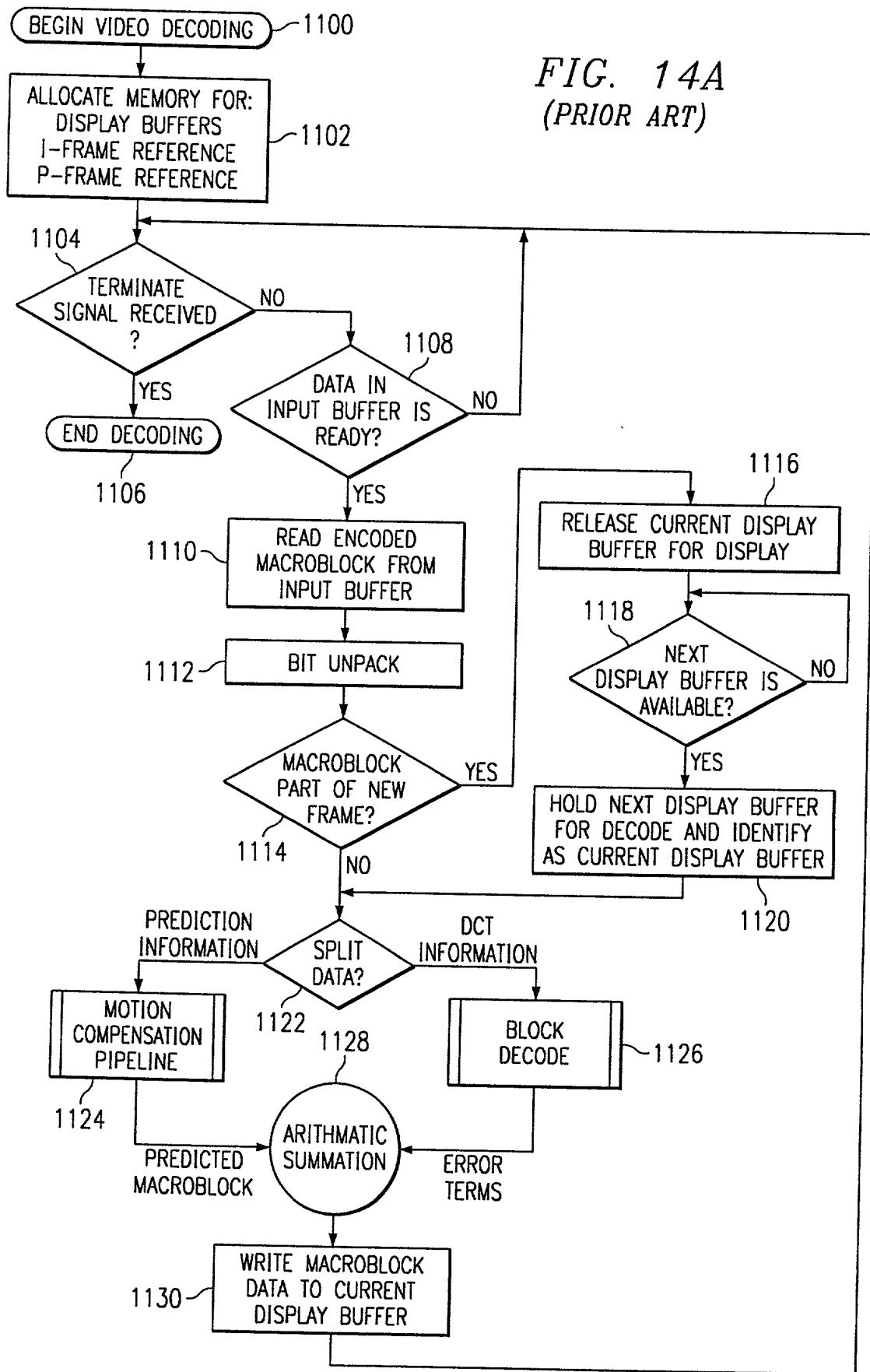
FIG. 13

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33	28	27	26	21	20	19	18	17	16	13	12	11	10	8	7	6	5	4	2	1	0
UNDEFINED	MCE	CODED BLK PAT	DCT TYPE	COLOR CMP	INTL	PRAM ADDR	PRAM INC	BYTE OFST	LOOP FLTR	HPH	HPV	STRP CNT	FUNC								
33	DMA START ADDRESS																			WORD COUNT	0
33	DMA START ADDRESS																			WORD COUNT	0
33	DMA START ADDRESS																			WORD COUNT	0
33	DMA START ADDRESS																			WORD COUNT	0
33	28	27	26	21	20	19	18	17	16	13	12	11	10	8	7	6	5	4	2	1	0
UNDEFINED	MCE	CODED BLK PAT	DCT TYPE	COLOR CMP	INTL	PRAM ADDR	PRAM INC	BYTE OFST	LOOP FLTR	HPH	HPV	STRP CNT	FUNC								
33	DMA START ADDRESS																			WORD COUNT	0
33	DMA START ADDRESS																			WORD COUNT	0
33	DMA START ADDRESS																			WORD COUNT	0
33	DMA START ADDRESS																			WORD COUNT	0

FIG. 13

FIG. 14A
(PRIOR ART)



0990027-112001

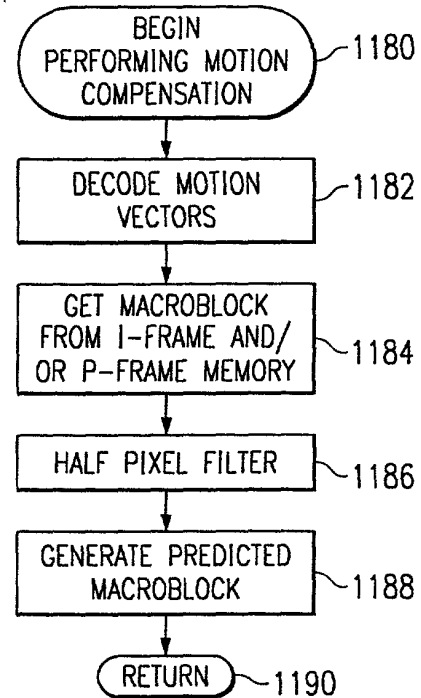
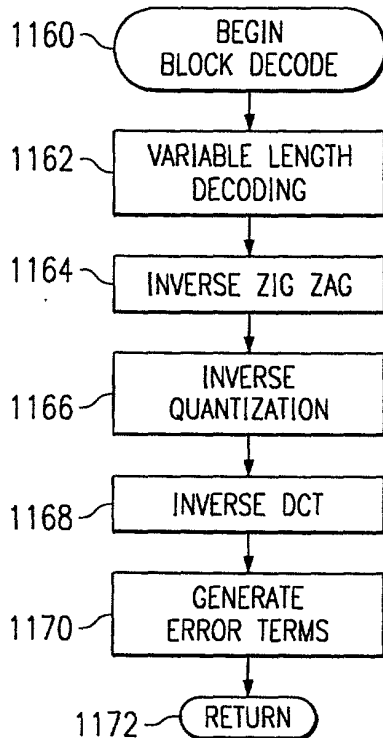
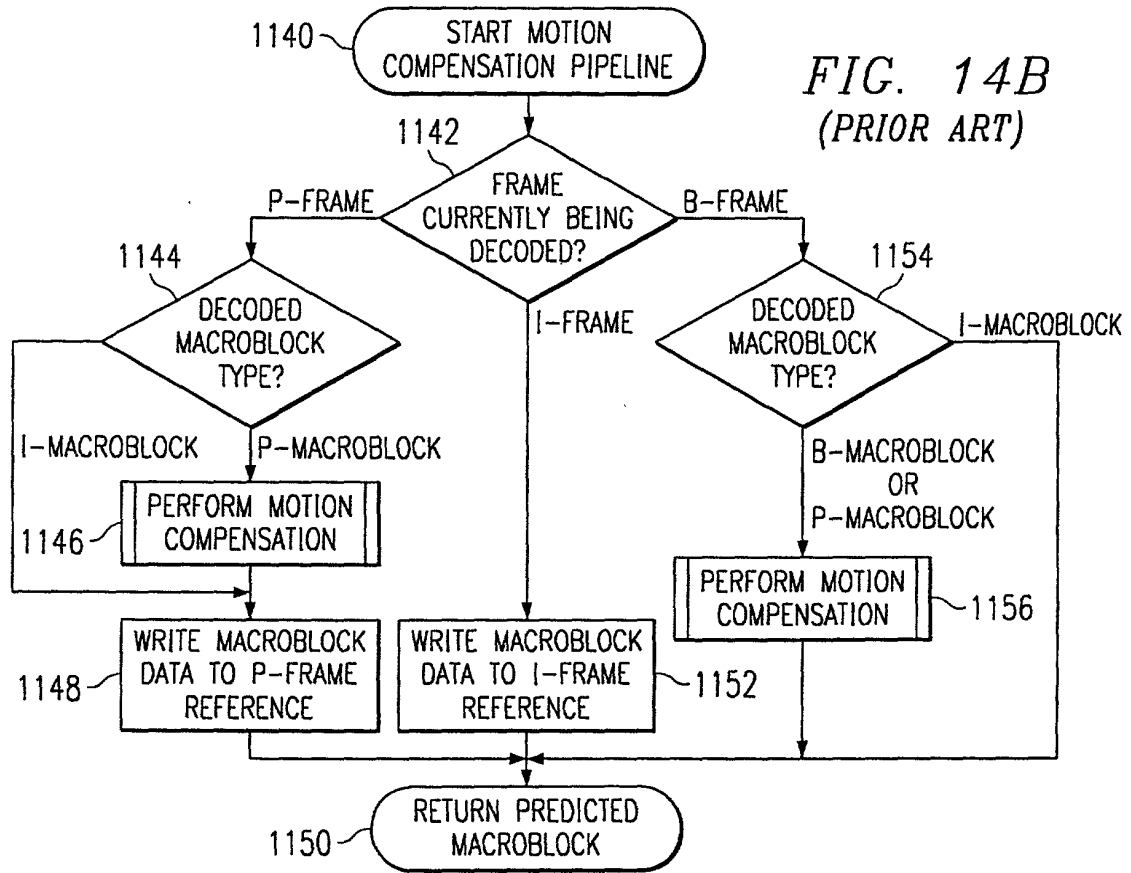
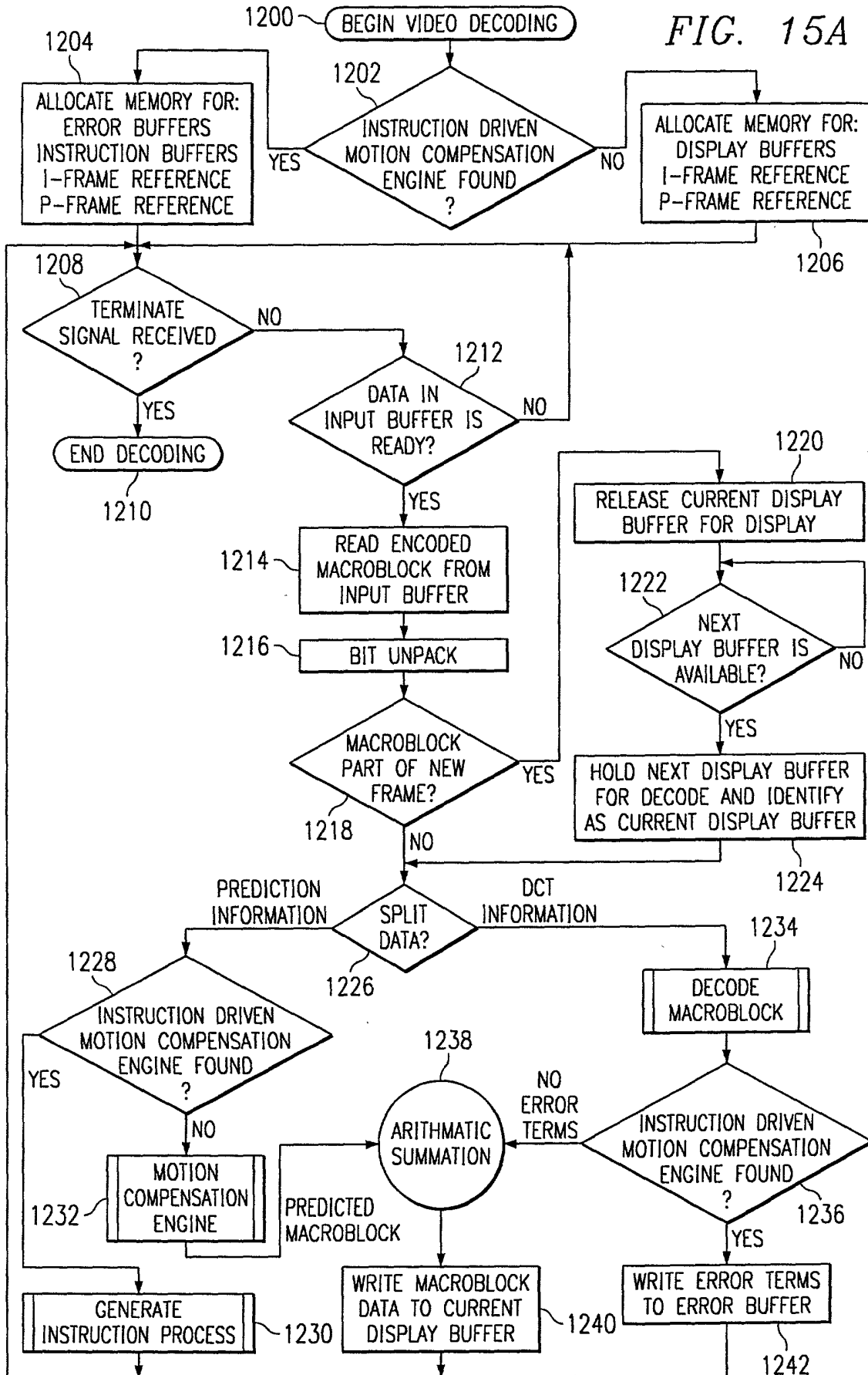


FIG. 15A



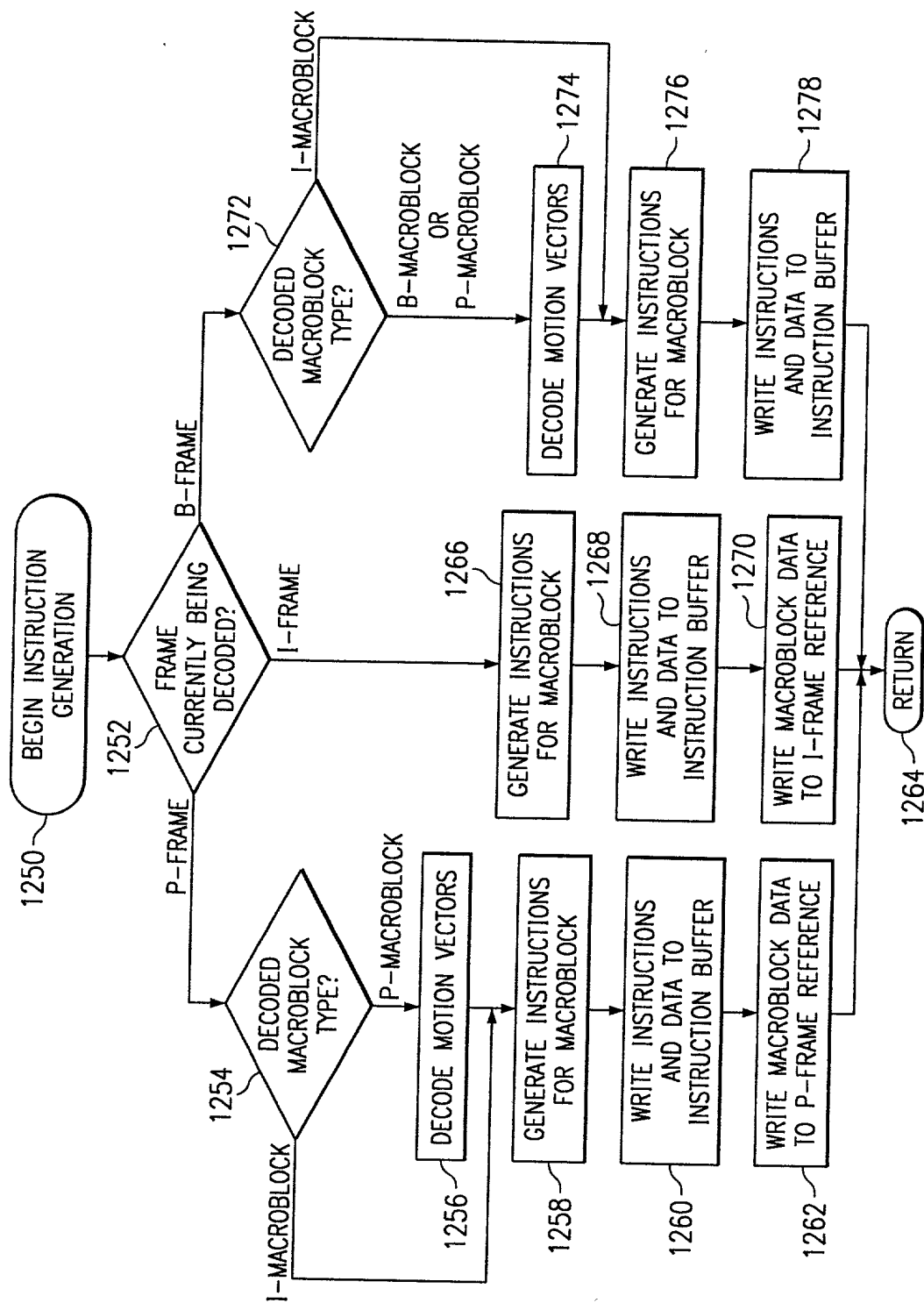


FIG. 15B

FIG. 15C

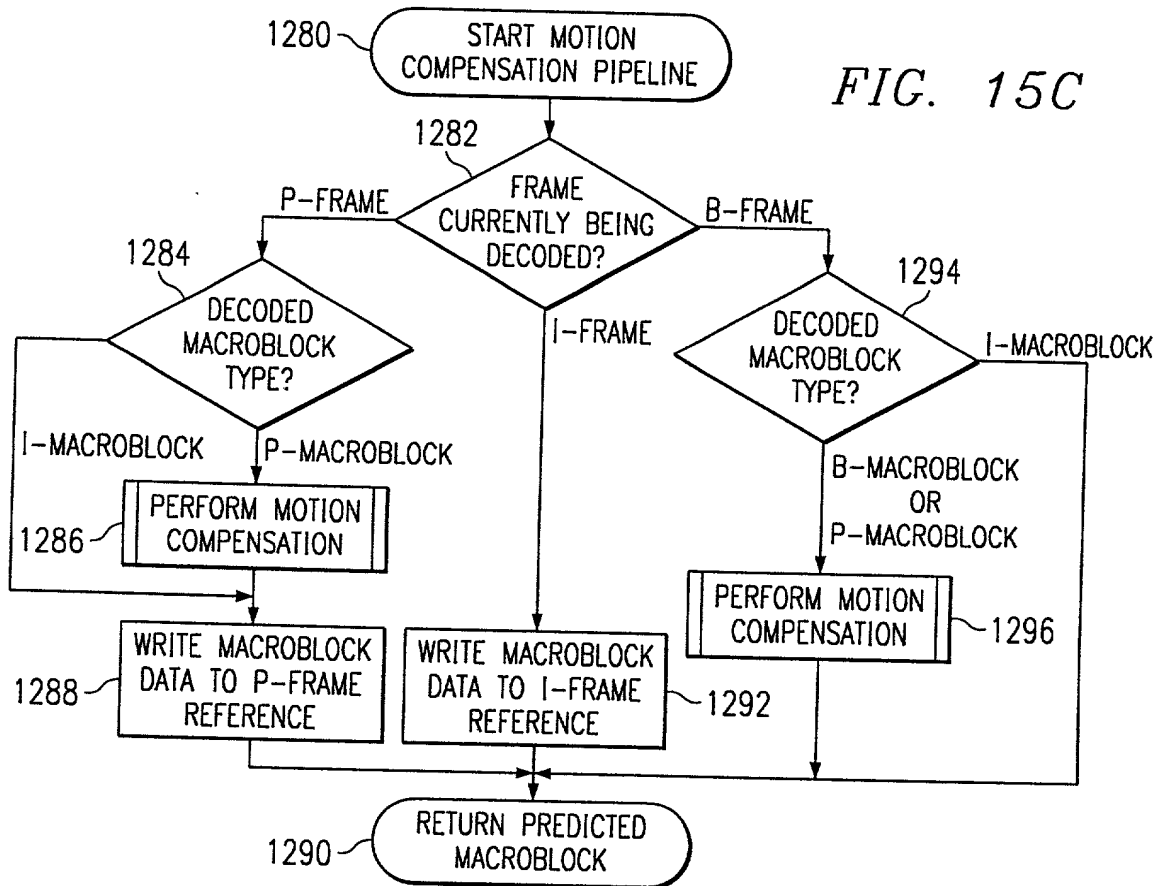


FIG. 15D

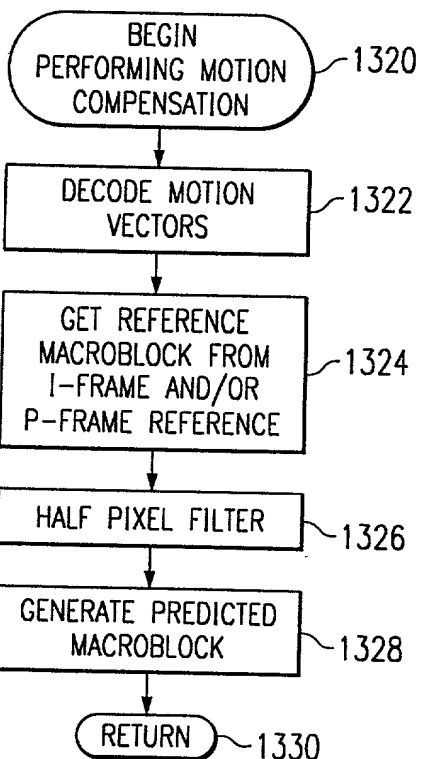
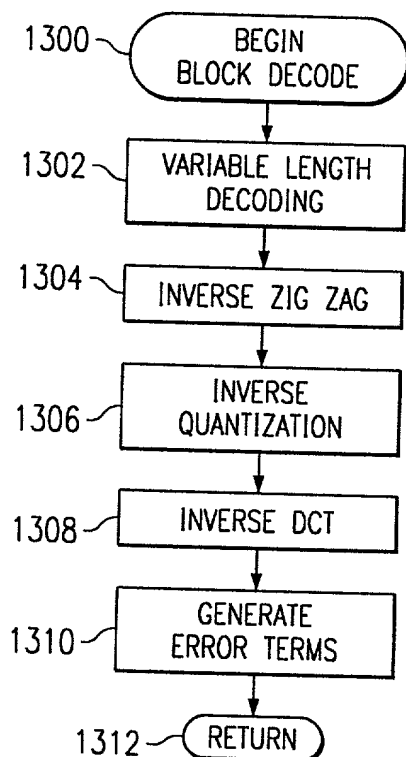
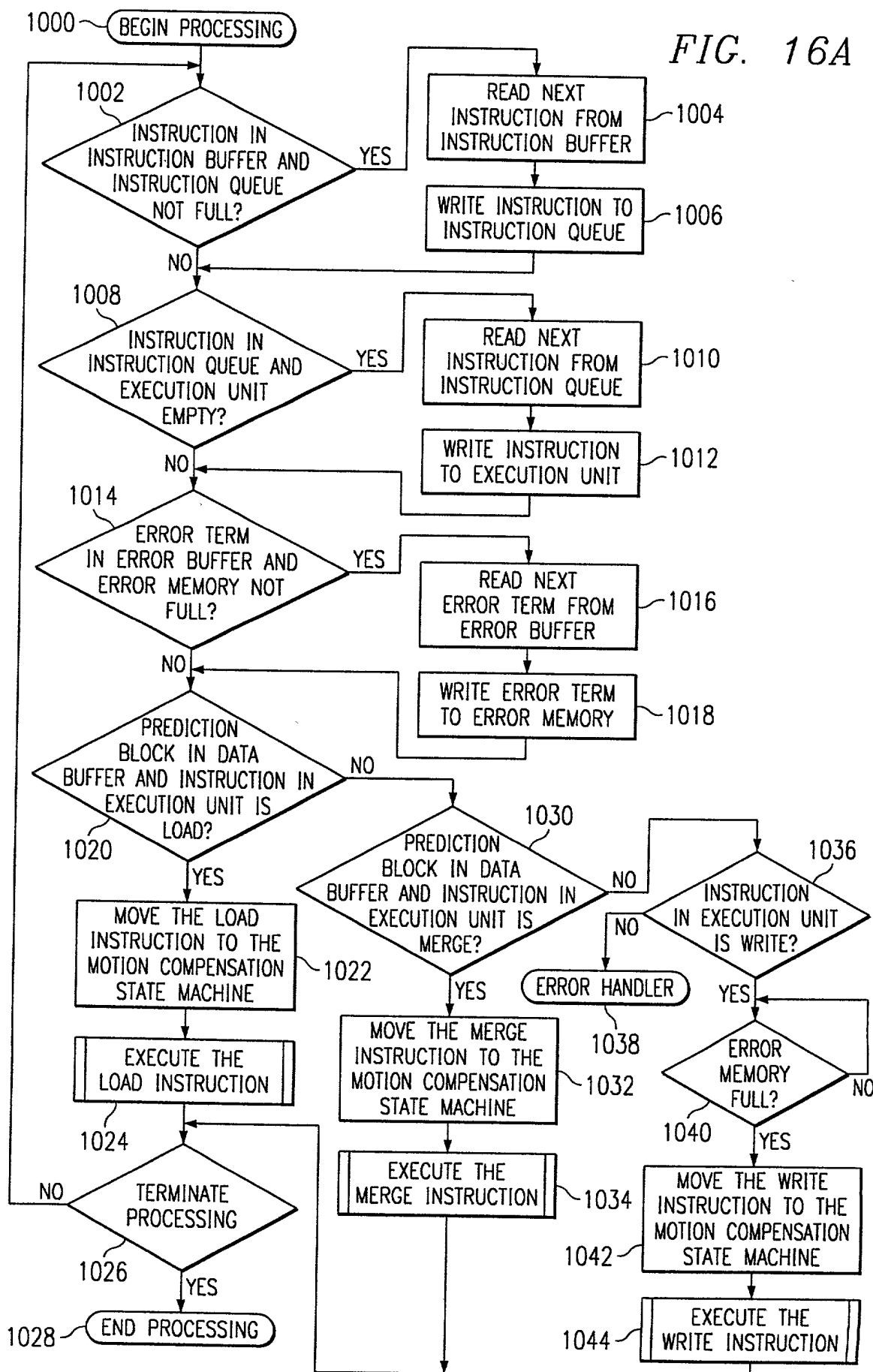


FIG. 15E

FIG. 16A



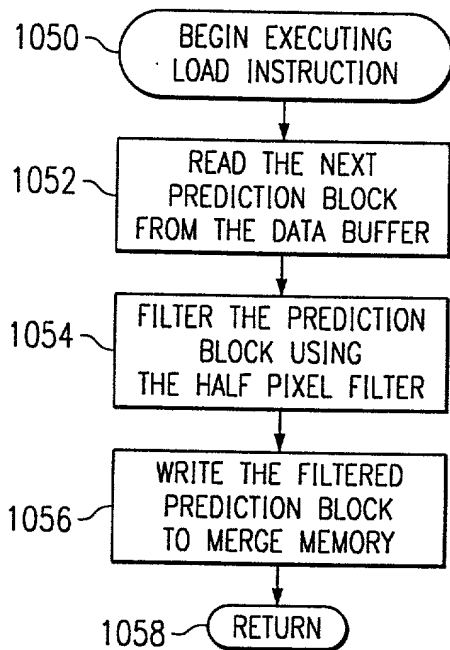


FIG. 16B

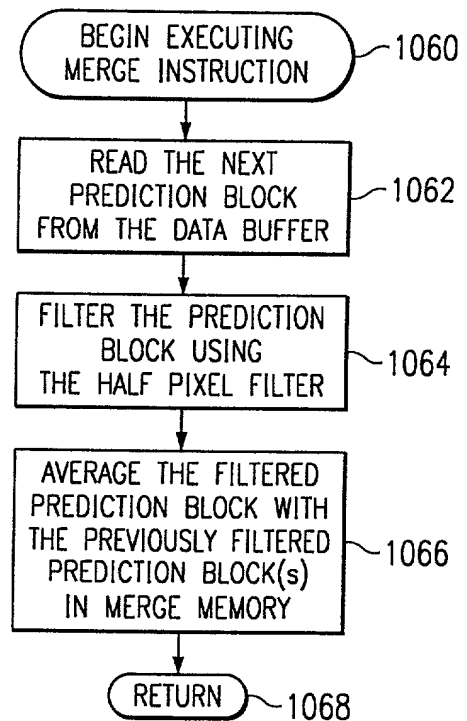


FIG. 16C

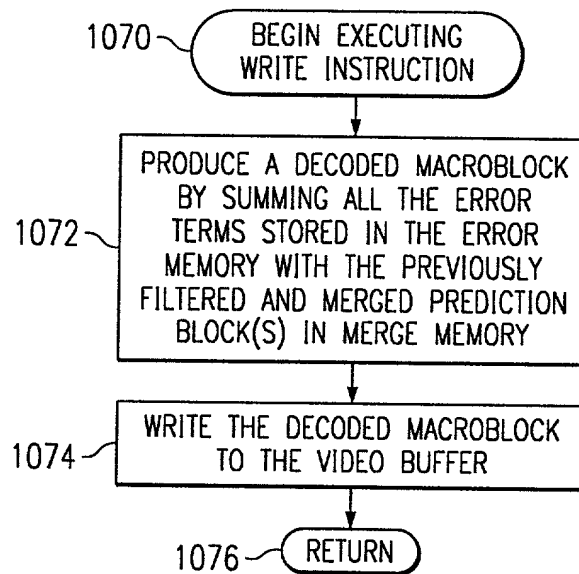


FIG. 16D

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